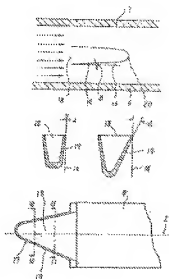


VARIABLE SPEED FLUID COUPLING

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Abstract of JP 58152940 (A)

PURPOSE: To reduce the resistance loss of a rake pipe, by forming a side face sectional shape in a point end part of the rake pipe in such a manner that an angle of a side face with the vertical direction increases toward the side of a discharge part from the side of the point end part. **CONSTITUTION:** A side face section of the point end part 17 of a rake pipe is formed to a shape such that an angle alpha of a side face 19 with the vertical direction 14 is increased toward the side of a discharge part 9 from the side of the part 17. In case of forming the side face of such section, a plane shape spread from an opening 18 along a tail 20 is formed such that the face 19 decreases side pressure in the outside for the flow direction of fluid. Accordingly, a scattered jet flow from the face 19 of the rake pipe is extremely reduced to remarkably decrease loss resistance of the rake pipe.



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